

## Tra-Con Tra-Bond 221N01

Category : Polymer , Thermoset

**Material Notes:**

Information provided by Tra-Con Inc.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Tra-Con-Tra-Bond-221N01.php](http://www.lookpolymers.com/polymer_Tra-Con-Tra-Bond-221N01.php)

Physical Properties	Metric	English	Comments
Viscosity	3500 cP	3500 cP	Mixed (cp #52, 100 rpm)

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	88	88	1 hr @ 100°C
Adhesive Bond Strength	19.3 MPa	2800 psi	Lap shear, alum to alum, 1 hr @ 100°C

Thermal Properties	Metric	English	Comments
CTE, linear	68.0 $\mu\text{m}/\text{m}\cdot\text{°C}$	37.8 $\mu\text{in}/\text{in}\cdot\text{°F}$	Below Tg
	179 $\mu\text{m}/\text{m}\cdot\text{°C}$	99.4 $\mu\text{in}/\text{in}\cdot\text{°F}$	Above Tg
Glass Transition Temp, Tg	135 °C	275 °F	Ultimate Tg

Descriptive Properties	Value	Comments
Color	Amber	Mixed/Cured
	Brown	Hardener
	Clear	Resin

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